Exhibit 46

```
IN THE UNITED STATES DISTRICT COURT
 1
 2
           FOR THE CENTRAL DISTRICT OF CALIFORNIA
 3
                      SOUTHERN DIVISION
 4
 5
    STEVEN RUPP, et al.,
 6
              Plaintiffs, )
 7
                                 ) 8:17-cv-00746-JLS-JDE
         VS.
 8
    XAVIER BECERRA, in his
 9
    official capacity as
10
    Attorney General of the )
11
    State of California; et al., )
12
              Defendants. )
13
14
            DEPOSITION OF WILLIAM ENGLISH, Ph.D.
15
                      WASHINGTON, D.C.
16
                      DECEMBER 12, 2018
17
18
19
    ATKINSON-BAKER, INC.
20
    (800) 288-3376 www.depo.com
21
    REPORTED BY: JENNIFER M. O'CONNOR
    FILE NO. ACOBB1A
22
```

ID #:4910 Atkinson-Baker, Inc. www.depo.com

```
IN THE UNITED STATES DISTRICT COURT
 1
 2
            FOR THE CENTRAL DISTRICT OF CALIFORNIA
 3
                      SOUTHERN DIVISION
 4
 5
     STEVEN RUPP, et al.,
 6
               Plaintiffs,
 7
                                  ) 8:17-cv-00746-JLS-JDE
          VS.
    XAVIER BECERRA, in his
 8
 9
    official capacity as
10
    Attorney General of the )
11
     State of California; et al., )
12
               Defendants.
13
14
               Deposition of WILLIAM ENGLISH, Ph.D.,
15
     taken on behalf of Defendants at the Law Offices of
16
    Cooper & Kirk, PLLC, 1523 New Hampshire Avenue,
17
    N.W., Washington, D.C. at 9:01 a.m., Wednesday,
18
    December 12, 2018, before Jennifer M. O'Connor, a
19
    Notary Public in and for the District of Columbia.
20
21
22
```


1	APPEARANCES:
2	FOR THE PLAINTIFFS:
3	COOPER & KIRK, PLLC BY: PETER A. PATTERSON, ESQ.
4	BY: NICOLE FRAZER REAVES, ESQ. 1523 New Hampshire Avenue, N.W.
5	Washington, D.C. 20036 (202) 220-9670
6	ppatterson@cooperkirk.com
7	FOR THE DEFENDANTS:
8	DEPARTMENT OF JUSTICE BY: PETER H. CHANG, ESQ.
9	Office of the Attorney General 455 Golden Gate Avenue, Suite 11000
10	San Francisco, California 94102 (415) 510-3776
11	Peter.Chang@doj.ca.gov
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	

1	A Very good.
2	Q 30510 and 30515 that we talked about
3	and that are being challenged here.
4	A Yes.
5	Q Just so we're on the same page on
6	terminology. And when I say I'll say and you
7	know, I may refer to the prohibited features. When
8	I say that, I will mean these five
9	A Understood, yes.
10	Q features, not including grenade
11	launcher, but the other five features identified in
12	Penal Code Section 30515 (a)(1). Okay? All right,
13	go back. Okay.
14	When we left off we're on page 53 of
15	Exhibit 62. So, you know, this particular report
16	doesn't provide the 14 million fire number for
17	2015 for NICS adjusted NICS number, correct? But
18	you did some independent research and the 14 million
19	number was
20	A The number's in fact correct, yes.
21	Q Is correct.
22	A And I had to estimate based on this

1	report, but it is indeed independently what I saw
2	there was subsequently verified as correct.
3	Q If you look on if you look on page 48
4	well, let me if you could look on page 49.
5	A 49.
6	Q So this is federal NICS long gun
7	background checks in 2015. And this number, just
8	like the other number we looked at, ends in
9	September 2015, correct?
10	A Yes. September's the last month.
11	Q Okay. Do you have do you know what the
12	numbers are for the remainder of 2015?
13	A No, that would be contained in the next
14	year's report. It would be easy to find, but I
15	don't know them off the top of my head.
16	Q And where did you get this this NSSF
17	report?
18	A Did you say where or when?
19	Q Where.
20	A Oh. So the law firm that had contacted
21	me, Sean Brady was a lawyer I was corresponding
22	with. And the as I began doing my research, I

1	was able to identify reports that I thought would be
2	useful but I'd want to look at, and so I
3	corresponded with Sean Brady and asked the law firm
4	if they could procure these for me.
5	Q When did you make that request?
6	A Oh, I don't know the specific date, but
7	Q Approximately.
8	A sometime in the last few months, yeah.
9	Or I guess it would have been shortly after I was
10	asked to
11	Q Before you prepared this report, correct?
12	A Right. Yes. Before.
13	Q And say there in preparing your report,
14	you listed four separate NSSF reports
15	A Yes.
16	Q as references in the reference section
17	of your opening report, correct?
18	A That's correct.
19	Q And Mr. Brady did Mr. Brady give you
20	copies of all these reports?
21	A I believe some of them I actually found
22	online. There were you had to do some searching.

1	So I think at least one. I'm not certain though,
2	but he did give me some of them.
3	Q Did you have to pay for any of them?
4	A I did not have to pay.
5	Q Okay. I'm going to hand you, it's Exhibit
6	63.
7	(English Deposition Exhibit No. 63 was
8	marked for identification.)
9	BY MR. CHANG:
10	Q Have you seen this document before,
11	Professor?
12	A Yes. I may have seen this 2017 version.
13	I'm not sure the precise year, but yes, this this
14	document, the Bureau of Alcohol, Tobacco and
15	Firearms, post year by year and I've certainly seen
16	versions of it. Yeah, this is the year that I
17	referred to.
18	Q So if you look at the second or the
19	page numbered one
20	A Yes.
21	Q it's titled "Firearms Manufactured,"
22	correct?

1	A Yes.
2	Q And if you look at the number for calendar
3	year 2015, it shows that according to this BATFE
4	report, 9,358,661 firearms were manufactured,
5	correct?
6	A Correct.
7	Q That's total in the United States?
8	A Yeah.
9	Q Do you know how many firearms were
10	imported into the United States in 2015?
11	A Not off the top of my head. It should be
12	contained in another bureau report that I cite.
13	Q Do you recall which bureau report?
14	A Yeah, so that you see the United States
15	Department of Justice Bureau Alcohol, Tobacco,
16	Firearms, Explosives, multiple years available at
17	that website. That website site right there has the
18	maybe export reports, import reports.
19	Q This
20	A It may actually be here. Let me just
21	check clear rest of this report, that it might be
22	contained here as well.

1	centerfire rifle or a rimfire rifle.
2	So there is a high degree of modularity
3	and customization. So it's I know the NSSF
4	report on MSRs finds that 4 percent of AR platform
5	rifle MSRs are .22 rimfire and so that's a very
6	small number. You know, you can, if you like,
7	discount the 15 million by 4 percent, but the thing
8	to keep in mind though is even if it's it's
9	potential it's possible for an AR-15 rimfire
10	rifle to be converted to a centerfire rifle and vice
11	versa.
12	Now, there could be further, you know,
13	structural design changes that make those sorts of
14	conversions more or less possible, but there is a
15	certain intra-operability to this rifle. It's a
16	modular platform.
17	Q Sure. I'm just saying, the you know,
18	the 15 million AR-15 rifle number you provide in
19	your report, that's just on the, you know, the lower
20	receiver part. They can put a rimfire they can
21	make it rimfire, they can make it centerfire, they
22	can add features, they can remove the features. I

mean, the 15 million number that -- estimate that 1 2 you provide in your report includes all those 3 configurations, correct? 4 Α So I should -- it's important to note here 5 that Clossman and Long are only counting rifles. 6 They're not counting lowers and they're explicit 7 about that. And they're also not counting pistols, 8 which in this case can be as simple as taking the 9 same firearm action and removing stock and having a 10 short barrel. 11 So that's important to know as well. 12 the -- so they're not counting many things that also 13 might qualify here, but if you want to exercise an 14 abundance of caution, then yeah, the 15 million 15 number, based on the NSSF number, you could discount 16 that by 4 percent if you wanted to make sure that 17 you're excluding at least what the AR-15 users 18 account as the percentage of rimfire rifles out 19 there. 20 My question is just, you know, the number 21 you provide, if the estimate of 15 million AR-15 22 rifles --

1	A That's right.
2	Q in the United States, that number
3	includes AR-15 rifles that are have been
4	configured to be rimfire rifles and the AR-15 rifles
5	have been configured to be featureless, correct?
6	A Yes.
7	Q I'd like you to turn to page 34 of the
8	Clossman and Long paper. Well, I guess let me ask a
9	more general question.
10	Based on the Clossman and Long paper, can
11	you tell how many M4/AR-15s were sold in California
12	between 2004 and 2013? Well, let me I'll direct
13	your
14	A Yeah, so you're talking on page 34 here?
15	Q On page 34, right. So let me strike my
16	question. I'll restate it.
17	Page 34, Clossman and Long stated that
18	they assumed California had purchased over 526,000
19	M4/AR-15s, correct?
20	A Yes.
21	Q Do you know how they reached that
22	estimate?

1	A So reading in the prior pages, it appears
2	that the this is based on the NICS checks. So
3	looking at NICS checks and multiplying that by the
4	percentage of AR-15s manufactured each year, that's
5	the kind a market share, I believe, if I've
6	understood this right, that the NICS data is broken
7	down by state. Yeah.
8	Q Okay. So looking at the NICS data,
9	Clossman and Long estimated that 526,000 or over
10	526,000 M4/AR-15s were sold in California between
11	2004 and 2013, correct?
12	A Yes, that's their estimate there on page
13	34.
14	Q Okay. And Clossman and Long also
15	estimated that between 2004 and 2016, 4.6 million
16	M4/AR-15s were sold in the United States, correct?
17	A That's correct.
18	Q So based on those numbers, California was
19	about approximately 11 percent of the total U.S.
20	market for M4/AR-15s, correct?
21	A Again, just to clarify the methods here, I
22	take it that they're looking at NICS data from the

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

CERTIFICATE OF NOTARY PUBLIC

I, JENNIFER M. O'CONNOR, the officer before whom the foregoing deposition was taken, do hereby certify that the foregoing witness whose testimony appears in the foregoing deposition was duly sworn by me; that the testimony of said witness was recorded by me and thereafter reduced to typewriting by me; that said transcript is a true record of the testimony given by said witness; that I am neither Counsel for, related to, nor employed by any of the parties to the action in which this proceeding was called; and, furthermore, that I am not a relative or employee of any attorney or Counsel employed by the parties hereto, nor financially or otherwise interested in the outcome of this action

16

17

18

19

20

21

22

Jennifer M. O'Connor Notary Public in and for the District of Columbia My Commission Expires on February 14, 2020

(Signature not waived.)